



Rec'd PCT/PTO

19 OCT 2005

#5

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/526,560-Conf. #9267
	Filing Date	March 4, 2005
	First Named Inventor	Bryan E. Cole
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	M0025.0321/P321

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application  <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):  Combined Declaration and Power of Attorney  Copy of Notice
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP		
Signature			
Printed name	Stephen A. Soffen		
Date	October 19, 2005	Reg. No.	31,063

Docket No.: M0025.0321/P321  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Bryan E. Cole et al.

Application No.: 10/526,560

Confirmation No.: 9267

Filed: March 4, 2005

Art Unit: N/A

For: COHERENT THZ EMITTER WITH DC  
POWER REDUCING RESISTOR

Examiner: Not Yet Assigned

RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS OF  
APPLICATION

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Requirements of Application – Filing Date Granted mailed September 16, 2005, Applicant respectfully submits a Combined Declaration and Power of Attorney, Copy of Notice, and an Assignment for recording.

Please charge our Credit Card in the amount of \$105.00 covering the fee set forth in 37 CFR 1.16(f) and 1.21(h). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit

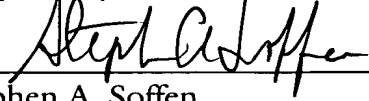
Application No.: 10/526,560

Docket No.: M0025.0321/P321

Account No. 04-1073, under Order No. M0025.0321/P321. A duplicate copy of this paper is enclosed.

Dated: October 19, 2005

Respectfully submitted,

By 

Stephen A. Soffen

Registration No.: 31,063

DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

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(202) 785-9700

Attorney for Applicant

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19 OCT 2005

#5



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/526,560	Bryan E Cole	M025.0321/P321

INTERNATIONAL APPLICATION NO.	
PCT/GB03/03871	
LA. FILING DATE	PRIORITY DATE
09/04/2003	09/04/2002

24998  
 DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP  
 2101 L Street, NW  
 Washington, DC 20037

SEP 20 2005

CONFIRMATION NO. 9267

371 FORMALITIES LETTER



\*OC000000017015246\*

Date Mailed: 09/16/2005

RAW 9/20/05 SAS  
 CHL 9/20/05

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 03/04/2005
- Copy of the International Search Report filed on 03/04/2005
- Preliminary Amendments filed on 03/04/2005
- Information Disclosure Statements filed on 06/28/2005
- Request for Immediate Examination filed on 03/04/2005
- U.S. Basic National Fees filed on 03/04/2005
- Priority Documents filed on 03/04/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

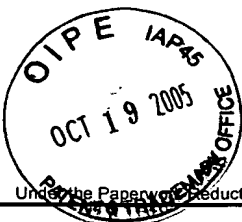
JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/526,560	PCT/GB03/03871	M025.0321/P321

FORM PCT/DO/EO/905 (371 Formalities Notice)



J001RUS d FCT/PTO 19 OCT 2005 #5

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/526,560-Conf. #9267
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 105.00		Filing Date	March 4, 2005
		First Named Inventor	Bryan E. Cole
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
		Attorney Docket No.	M0025.0321/P321

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims** AYDAGH 00000115-10526560 x 65.00 OP = 65.00 **Fee Paid (\$)**  
**Multiple Dependent Claims**  
**Fee (\$)** **Fee Paid (\$)**

**Indep. Claims** 65.00 OP x 65.00 = 65.00 **Fee Paid (\$)**

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets** 65.00 OP **Extra Sheets** 65.00 OP **Number of each additional 50 or fraction thereof** 65.00 OP **Fee (\$)** 65.00 **Fee Paid (\$)** 65.00

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)  
Other (e.g., late filing surcharge): 2051 Surcharge-Late oath or declaration 65.00  
8021 Recording each patent assignment, agreement or ... 40.00

<b>SUBMITTED BY</b>			
Signature	<u>Stephen A. Soffen</u>	Registration No. (Attorney/Agent)	31,063
Name (Print/Type)	Stephen A. Soffen	Telephone	(202) 828-4879
		Date	October 19, 2005